

s/n: 10/825,586
date: 8-15-05

232 (341/137).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 14:45
82 mach\$2zehnder and frequency and pilot and feedback ((359/238,239,276,245) or (341/137) or (385/2,3,8-10,14) or (398/176,177,180,195,198) or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 13:14
11929 (372/38.02,25,26,38.01,29.011,31,32)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 13:04
34 2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 13:04
mach\$2zehnder and frequency and pilot and feedback and 74 amplitude	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 13:17
mach\$2zehnder and frequency and pilot and feedback and 25 amplitude and oscillator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 13:21
mach\$2zehnder and frequency and pilot and (feedback adj3 loops) 15 and amplitude and oscillator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 13:32
2 ("6046838").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 13:32
314 (359/238).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 14:46
312 9 not 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 14:46
312 10 not 5 ((359/238,239,276,245) or (341/137) or (385/2,3,8-10,14) or (398/176,177,180,195,198) or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 14:46
11400 (372/38.02,25,26,38.01,29.011,31,32)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 13:04
523 ((359/238) or (341/137)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	8/15/05 12:58
2 S48 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:17
2 S53 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:17

0 S57 not S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:17
0 S48 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:16
0 S48 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:16
0 S48 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:16
(LN or (lithium adj2 niobate) or mach\$2zehnder or linbo\$4) with 3688 modulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:16
0 S53 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:16
0 S53 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:16
0 S53 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:16
1873 (LN or (lithium adj2 niobate) or mach\$2zehnder) adj2 modulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:15
0 S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:13
0 S39 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:13
0 S39 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:13
0 S39 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:13
3580 (LN or (lithium adj2 niobate) or mach\$2zehnder) with modulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:13
feedback same frequency same deviation same output same 508 amplifier same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:12
feedback same (mix\$4 or super\$2impos\$4) same multiply\$4 same 97 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:11
77 feedback same mix\$4 same multiply same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:10

84 feedback same mix\$4 same multiply\$4 same filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:10
612 S33 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:09
236 S38 and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:09
S34 and (digital same optical same feedback same amplitude 2 same frequency same bias)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:08
2684 (LN or mach\$2zehnder) with modulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:08
1295 S33 and mach\$2zehnder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:01
((359/238,239,276,245) or (341/137) or (385/2,3,8-10,14) or 9969 (398/176,177,180,195,198) or (372/38.02,25,26,38)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 14:00
7605 ((359/238,239,276,245) or (341/137) or (385/2,3,8-10,14)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 13:58
6 S15 and mach\$2zehnder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 11:21
2 S29 and mach\$2zehnder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 11:21
19 S21 and mach\$2zehnder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 11:20
5 ("5726794").URPN.	USPAT	2/23/05 11:20
(mach\$2zehnder same digital same optical) and (pilot same frequency same bias) and monitor and (feedback same amplitude 0 same bias)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 11:14
(mach\$2zehnder same digital same optical) and (frequency same 3 bias) and monitor and (feedback same amplitude same bias)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 11:14
18 S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 11:08
14 S22 and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 11:05
531 digital same optical same signal same converter same feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 11:05

(optical same digital same signal) and (amplitude with bias with 112 control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 10:55
19 (signal adj2 converter) same (amplitude with bias with control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 10:54
0 S19 and optical and digital	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 10:54
6 S13 and (first with second with feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 10:53
19 (signal adj2 converter) same amplitude with bias with control	IBM_TDB	2/23/05 10:53
5 ("6301031").URPN.	USPAT	2/23/05 10:45
2 ("6301031").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 10:11
digital and optical and signal and converter and feedback and mach\$2zehnder and frequency and amplitude and monitor and	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 10:09
20 bias and pilot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 9:01
(digital same optical same signal same converter) and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:59
and mach\$2zehnder and frequency and amplitude and monitor and	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:58
17 bias and pilot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:58
digital same optical same signal same converter same feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:58
same mach\$2zehnder same frequency same amplitude same	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:58
0 monitor same bias	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:58
digital same optical same signal same converter same feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:58
same mach\$2zehnder same frequency same amplitude same pilot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:58
0 same monitor same bias	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:58
531 digital same optical same signal same converter same feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/23/05 8:35
39 S8 and bias and frequency and amplitude	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/22/05 16:21
6 S8 and bias and frequency and amplitude and pilot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/22/05 16:21
(digital same convert\$3) and (optical with modulat\$5) and ((first or second or multipl\$5 or plural\$5) with feedback) and	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/22/05 14:43
80 mach\$2zehnder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/22/05 14:40
("4947170" "5265039" "5381147" "5889901" "5970185" 7 "6008748" "6100831").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/22/05 14:40
0 ogura-masaki\$9.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/22/05 14:40
60 digital with optical with signal with converter with feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/22/05 11:34

1 S2 and mach\$2zehnder

US-PGPUB; USPAT; USOCR;
EPO; JPO; DERWENT;
IBM_TDB

2/22/05 11:34

3 S1 same mach\$2zehnder

US-PGPUB; USPAT; USOCR;
EPO; JPO; DERWENT;
IBM_TDB

2/22/05 11:34